

## HAIR DYEING AND OXIDIZING AGENT COMPOSITION FOR DECOLORIZATION

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### Abstract

**PROBLEM TO BE SOLVED:** To obtain the subject composition which shows excellent conditioning effect on hair with extremely reduced hair damage by including a specific surfactant, a higher alcohol, a specific silicone and hydrogen peroxide.

**SOLUTION:** This composition is obtained by mixing (A) preferably 0.1-10 wt.% of a straight or branched chain alkyl-type cationic surfactant, e.g. a monoalkyl-type quaternary ammonium salt or the like, of formula I [R<1> is an (OH-substituted) 8-36C straight chain or branched alkyl; R<2> to R<4> are each an (OH-substituted) 1-3C alkyl or benzyl; X is a halogen or the like], (B) 0.1-20 wt.% of a higher alcohol (e.g. stearyl alcohol), (C) preferably 0.1-15 wt.% of an amino-modified silicone of a compound of formula II [R<9> is OH, methyl or the like; R<10> is -(CH<sub>2</sub>)<sub>o</sub> -(OC<sub>2</sub>H<sub>4</sub>)<sub>p</sub> -(OC<sub>3</sub>H<sub>6</sub>)<sub>q</sub> -NHC<sub>2</sub>H<sub>4</sub>-N(R<11>)<sub>2</sub> (R<11> is H or the like; (o) is 1-6; (p) and (q) are each 0-6) or the like; (m) is 3-300; (n) is 1-50] or the like and (D) 0.5-10 wt.% of hydrogen peroxide.

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